



Colorado, Springs,
Colorado

Inside This Issue:

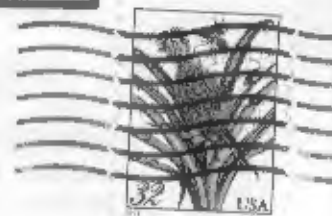
Short Bits (WB7WHT) Scattered Throughout	
Meeting Minutes	Page 3
Treasurer's Report	Page 4
SAREX Status	Page 4
El Paso County HF Roundtable	Page 6
Local Ham Weds in March	Page 6
OM/YL Linch Bunch	Page 6
Routine Public Service Calendar	Page 6
Longmont Hamfest	Page 6
Colorado 14'er Event	Page 7
Fox Hunts	Page 7
1st Quarter Ham Classes Report	Page 8
Editor's Corner	Page 9
PPRAA Inventory List	Page 10
ARRL Bulletin's	Page 11

Pikes Peak Radio Amateur Association, Inc.

P.O. Box 16521

Colorado Springs, Colorado 80935

April 1997



FIRST CLASS MAIL

1 Renew before 03/31/98
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BEAT



Pikes Peak Radio Amateur Association Officers and Directors

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*This Officer/Director is completing the second year of the two-year term to which they were elected.

The Ø-Beat is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see the last page of this publication. Monthly advertising rates: Full page, \$48; Half page, \$24; Quarter page, \$12; Business card, \$6. These rates are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 80935.

Check out the PPRAA page on the World Wide Web! Go to: <http://www.qsl.net/ppraa>

Deadline for submission of articles or advertisements is the 20th of each month. Submissions are accepted in any form. Articles should be sent directly to the Ø-Beat Editor (email to kdøju@juno.com is preferred.) Permission is granted to reprint articles provided credit is given to both the author and this publication.

License Exams

License examinations sponsored by the Pikes Peak Radio Amateur Association are held on the 2nd Saturday of February, April, June, August, October, and December.

Testing takes place at 9 A.M. at:

Denver Technical College
225 South Union
Colorado Springs

Everyone is seated on a walk-in basis. Those wishing to take an exam should bring the following items:

1. \$6.25 (preferably a check/money order made out to ARRL/VEC) for any exam other than element 1A or 2.
2. Picture identification.
3. A copy of your current amateur radio license, and/or a copy of any examination credit you have, as well as the signed original. We keep the copies.
4. A pen, pencils, and a calculator if you need one.

If you have any questions, call Erik Mugele, KGØXE at 596-5345. Please do not call Denver Technical College.

Committee Chairpersons/Contacts

Ø-Beat Editor	Bill Pierce	KDØJU	550-0406
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Auditing	Any Volunteer's ???		
Asset	Mike Stansberry	KØTER	636-1290
Historian	Jodi Borst	KAØROZ	634-3995
Interference	Bill Petty	NØNJX	591-2116
Membership	Les Borst	KCØNC	634-3995
Programs	Aaron Pelouze	KD6FLM	282-9715
Publicity	Aaron Pelouze	KD6FLM	282-9715
Public Service	Mike Stansberry	KØTER	636-1290
Swapfest '97	Carlos Caro	KBØREI	632-1569
Technical Instruction	Linda Hedges	KBØRKW	520-9238
VE Testing	Erik Mugele	KGØXE	596-5345

Other Organizational Liaisons

ARES Liaison	Mike Stansberry	KØTER	636-1290
CCARC Liaison	Ron Deutsch	NKØP	593-8352
RACES Radio Officer	Bryan Curl	NØLUF	575-8400

Reminder — General Membership Meeting

The next General Membership Meeting of the Pikes Peak Radio Amateur Association will be on the second Wednesday of this month at the Disabled American Veterans Hall, 6880 Palmer Park Blvd. The meeting will start at 7 PM.

PPRAA GENERAL MEETING MINUTES

of March 12, 1997

The meeting began at about 1900 with Jeff Boyes NØJLH presiding. After introductions, the treasurer's report was read. The minutes from the February meeting were accepted as amended, with the following corrections: The two references to WAOOD should be WA2OOD, and the two references to "Ron" should be to "Rob".

Mike Stansberry KØTER made an announcement and passed out sign-up sheets for upcoming public service events. The Ride With the Stars, to benefit therapeutic horseback riding, is scheduled for May 31. Doug Paris N4TGO is coordinating and needs 5 people to assist. The ride is in the morning and lunch is included (most likely not the hay and oats as suggested). The March of Dimes Walk America, our 2nd longest public service event, is scheduled for April 26. This is also the day for Skywarn training, so Mike is looking for folks that are the non-weather type to help.

Other upcoming events include the Garden 10-Mile on June 8, part of the Triple Crown of Running, the MS Walk on June 28 and Field Day, also on the same weekend as the MS Walk and the Sunrayce 97 (busy weekend!). Field Day will be held at the Hewlett-Packard recreation area near Woodland Park. This will be a joint Field Day with the Mountain Amateur Radio Club, just like last year. For Field Day Mike has John Herring KO6TN leading the HF SSB station, Mike will lead the HF CW station as in the past, and Tom McDaniel NØNTX will lead the satellite station. Mike needs volunteers to lead the novice station, the VHF/UHF station and the packet station.

Les Borst KCØNC noted a couple of mistakes in the Ø-Beat's e-mail list. Those corrections will be made in the

next Ø-Beat. If you find any other mistakes please let us know.

Carlos Caro KBØREI reported on the status of the hamfest. He apologized for delaying the start of the work, then asked club members to help sell raffle tickets once they are printed. The raffle license has been ordered and should be in around mid-March. That's all we're waiting for. Three of the 4 raffle prizes (Icom 707, MFJ 259 antenna analyzer, and the MFJ 6m transceiver) were on display at the meeting. The fourth, a Garmin GPS-40, is at Rob Roller WB7WHT's home.

Rob also gave an update on the SAREX (Mir, actually) contact scheduled for some time between Apr 20 and May 20). A site survey is planned for Mar 13 at Prairie Hills Elementary School to see what's needed. Ginger Hipszky NØUOD is planning a display for a PPRAA exhibit. Anyone that can help with that should contact Ginger. Anyone in the club with space experience is invited to help Rob with the contact planning. Anyone else interested in getting involved in this exciting event should contact Rob or Ginger. Harvey Hunter WA3EIB (who is helping with the exhibit) is looking for someone with photographic experience and who might have some lighting equipment.

Dan Scott KBØPPM is looking for help to plan this October's Jamboree-On-The-Air for the Boy Scouts. Contact Dan to help. Dan would like to see a bigger representation this year.

An update of the testing session was provided by Linda Hedges KBØRKW. Last Thursday (Mar 6) fourteen students tested and 12 passed. She doesn't know the date for the next classes.

Les, who received the Hammy award last month and noted that the tube is really mounted up-side down in the pedestal, presented it to Renay Boyes KAØROY for all of her contributions to the club. When asked to comment, Renay declined, but I think she's going to give her comments privately to Les later.

Dave Kurth NØUVR announced a fox hunt scheduled for Sunday, March 16 at 1400, to start at the Radio Shack at Austin Bluffs Pkwy and Academy Blvd. All are invited.

George Lockhart WBØDUM told us that the Saturday morning breakfast at the Colorado Café will be moved to the Silver Kettle, corner of Palmer Park and Union. Same time - see if you can beat George there at 0600. Otherwise show up somewhere around 0700. Everyone's invited.

Al Sontag KAØWIE brought in information on the PPFMA and asked if anyone wasn't a member but wanted to be a PPFMA member, contact him.

Jeannie George KBØQFY (I hope that call is correct) mentioned that the West Middle School is running a week-long science fair and will have Dr Ron Sega as guest speaker next week on Mar 18. Contact Jeannie at 520-2480 (day number) if you have more questions.

The next board meeting will be held at Les Borst's home on Mar 17 at 1900. Members are encouraged to come and participate. Contact Les if you plan to attend.

Finally, Rob WB7WHT couldn't resist ribbing Aaron KD6FLM for planning a program on batteries, then having his battery die when he went to announce it on the PPFMA net Sunday night.

After a break at 1930, the program resumed with Aaron conducting the

door prize drawings. Immediately following, Dix Varley, the owner of Batteries Plus (3320 Austin Bluffs Pkwy, COS, 719-599-9554), was on hand to give an excellent, informative presentation all about batteries.

(recorded by WB7WHT, submitted to WL7RV)

Treasurer's Report

Last month I wrote about 501(c)(3), offering a basic description of what it is. That really didn't answer any questions about why or why not the tax exemption status is worth it for us to pursue. I hope to answer some of those questions here and in the next 0-Beat.

For the period February 1 thru February 28, 1997, the club's general checking account had the following activity:

Income: \$20.80 Expenses: \$278.40
Ending Balance: \$577.67

(See the treasurer for a full report.)

As I mentioned last month, probably the main reason for this status is to allow us to be able to receive grants or funding from government and private agencies. There are also tax exemptions, like sales tax exemptions, which we can take advantage of. PPRAA is currently a state nonprofit corporation but that's not good enough to receive most of these benefits.

Here are several examples where this status will help. Currently we annually spend about \$960 for mailing the 7-Beat. With a 501(c)(3) we'd qualify for low-cost bulk mail rates which would save us several hundred dollars each year. The per-piece rate drops from \$0.32 to as low as \$0.096, plus we incur an annual \$85 fee, and a one-time fee of \$85 for a permit. So in the first year, we'd save \$502, and each year after that we'd save \$587! In two years we'd save over \$1,000 which could be used for trailer repair or equipment purchases! If we do nothing else, that alone would save us money. Liberty HS recently doubled their rental fee to non-501(c)(3) corporations. That put Liberty out of our price range. What was \$500 is now \$1,000. If we were 501(c)(3) we might not have switched to Doherty HS for this year's hamfest.

Let's not stop there. With the 501(c)(3) we could find grants which could pay for either the repairs needed to our trailer, or for a replacement trailer. What about equipment that could be used for a station to fit in that trailer? Equipment that could be used for public service work? Equipment that could be used during SAREX contacts for educational purposes? Additional funds for the classes? The sources for these funds are usually government agencies or private foundations that are also 501(c)(3)s. In general, other 501(c)(3)s that are formed for the purpose of raising money are required by their rules and

IRS regulations to donate money to other 501(c)(3)s or otherwise use the money for their chartered purpose. These are the corporations from which we could receive grant money. Other benefits include the privilege to receive free radio and television public service announcements by local media. How do you think the club can benefit by having the 501(c)(3)? The list of what we COULD do if we have more funds available is infinite:

classes, trailer, equipment, training would all benefit. There's a small price for this though. Next month I'll touch on those costs.

WB7WHT

Miscellaneous (by WB7WHT)

Thanks so far to the dozen or so folks that have renewed their ARRL memberships through the club. It's easy and doesn't cost you any more than normal. Just send your renewal form and dues to the club's address instead of the ARRL, and I'll forward it on to the ARRL. Meanwhile you've helped out the club a little bit more.

SAREX Status!

By the time this issue hits the streets, we should be looking at about two to four weeks away from the scheduled contact between Prairie Hills Elementary School and the space

station Mir. Things are coming together, but there's still some work to do. Let me see if I can give you an accurate picture.

Prairie Hills Elementary School is located just south of Liberty High and has a good view of the horizon in all directions (except through Pikes Peak, but that's life). The school staff is planning to make this quite an event, turning their auditorium into a space and science fair full of exhibits. At least, that's what's planned. Hopefully it'll be something close to that.

This event has also been the motivation for building a club exhibit. The club doesn't seem to have a full-blown display that's transportable and adaptable. However, at the most recent board meeting, someone mentioned that there are displays or exhibits that have been used in years past. Please, if you have any display or exhibit or other items that could be used in a club exhibit contact Aaron Pelouze KD6FLM, our publicity director. He is the main point of contact for the publicity for this space contact.

For the contact itself it looks like several members are stepping forward with their equipment to build up two fully operational stations for redundancy. Tom McDaniel NØNTX and Ed Means WØVO will have their equipment on hand to close the link between the school and Mir. Dick

Pache K2LCT has antennas and is tracking down some 9913 cable. Dan Scott KBØPPM has offered a 160W amplifier. (AMSAT is recommending at least 100W power and as much gain as possible.) A friend from work (not a club member) has offered a 35A power supply. Skee Hipszky NØPRY has offered the El Paso County Search and Rescue to provide emergency backup power. Also if you've got some satellite experience please call right away as we can use all the help we can get.

We did a site survey on March 13 to see what we can and can't do, and to see what we need to do what we can do. (Did that make sense?) District 20 is going to install a mast for the antennas. If anyone has 100 feet of 6-conductor rotor cable just lying around, would you be willing to loan it for this event? We also planned a full rehearsal for March 27 and planned to work a few stations via OSCAR to check out the equipment. How did the rehearsal go? I'll tell you after it happens.

John Roth NØQJS wants to incorporate ATV into the event, perhaps transmitting the event to other ATV receivers in the school so that folks not in the auditorium can watch as well. If you have any other ideas on how to use ATV during this event please let Aaron know.

For historical purposes it'd be great to have a few folks videotaping the event

from several angles. This really falls under the realm of the historian as well as publicity. Whatever is the best or right way, it's obvious we should record this event. Contact Aaron again if you have some ideas for recording this event.

Other folks have offered to help put together a pamphlet which covers everything from a description of SAREX and how the Mir contact is made, to a background of the PPRAA and probably a tour of everything that might be on display in the auditorium.

All in all, it looks like all systems are go. Thanks very much to all that have helped so far. Remember, this is a club event and everyone is invited and encouraged to participate somehow. Aaron Pelouze KD6FLM will be handling the publicity for this event.

It'll most likely occur on a weekday, during business hours. Obviously this doesn't fit in everyone's schedule. To those of you that don't work during these times, all help would be appreciated. I have a personal commitment to this since I was the one that initiated the application a couple of years ago, and my daughter attends this elementary school. I plan to put in a lot of effort to this, using a lot of my free time and some of my vacation time for it. I don't expect everyone to make this commitment. However, I want the club and the

members to benefit from this. The club stands to benefit from the publicity we get, so the better show we can make, the better the club will be. Finally, this is one opportunity we have to introduce amateur radio into the minds of young students, and to make them aware of the PPRAA's existence, involvement in the public, and its commitment to education and furthering the hobby of amateur radio

Another WAS - but QRP! (by KDØSU)

Just wanted to congratulate Paul Signorelli WØRW publicly for Working All States with his Wilderness Sierra. He did it in about a six month period of operating. Paul uses a dipole antenna, nothing fancy, but he is a great CW op. FYI, about thirty of the contacts were on 30 meters. I checked his cards, and the application is on the way to the ARRL for a WAS/QRP Award.

Keep up the great work Paul!-) 73, Rick

%%%%%%%%%

Local Ham Weds in March reported by Mor, WBØRTF edited by Bill, KDØJU

Jim, KGØAE met Mary, WA5CRU, on 75 meters and found they were quite compatible. They found that there were things that wanted to say that they couldn't say on HF so then they went to email after about two weeks. Then, about two more weeks later, they called each other via land

line. Then Jim asked Mary if she would like to come up and visit for a week. This led to our marriage on the 5th of March, 1997. Mary was a widow for 13 years, and Jim was a widower for two years. They are now happily married. The happy couple was married at St. Raphael's Episcopal Church by Father Tom Batastow W2TJO. Mary was given away by her son, Ian, N5LYC. Jim's son, Kevin, was best man, and Ian's wife, Connie, was matron of honor. WA5LGO, Larry Stanley, and his wife, shot video and still pictures and then hosted a reception after the ceremony. There were 23 hams in attendance. Most of the hams in attendance were in the Fountain Valley area. Now they fight for the mouse since their computers and mouses are sitting next to each other!

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Newsline Recognizes Our Donation (by WB7WHT)

Late last year, at the request of the club, the PPRAA made a \$100 donation to help the ailing Newsline when they appealed for donations. Finally, on Newsline transmitted over the PPFMA 146.97 repeater on March 2, came the acknowledgment of our donation. I guess those things just take time.

El Paso County HF Roundtable

Sunday evenings just after the El Paso County RACES 7:30 PM (local) HF net, on 28.385 MHz.

Everyone is invited to check in.

OM/YL April LUNCH BUNCH

The Lunch Bunch will get together for lunch and visiting Thursday, April 17th, Noon time, at the Hometown Buffet in the shops of the Bluffs 3650 Austin Bluffs Parkway in Colorado Springs. An invitation is extended to all of you who can join us.

Rosie Calaway, WAØMNL
471-9965

ROUTINE PUBLIC SERVICE CALENDAR, 1997 Contact Mike Stansberry, KØTER

DATE	EVENT
Apr 26, Sat.	March of Dimes Walk
Jun 14, Sat.	Tour de Cure
Jul 04, Fri.	Pikes Auto Hill Climb
Aug 16, Sat.	Pikes Peak Ascent
Aug 17, Sun.	Pikes Peak Marathon

Next Swapfest --

The Longmont Amateur Radio Club will hold its annual hamfest and computer swap on Saturday, April 5, 1997, from 8 a.m. to 3 p.m. at the Boulder County Fairgrounds in Longmont, Colorado, at the corner of Hover and Nelson Roads.

Talk-in will be on 147.270 Mhz (+600 KHz).

- o Admission is \$4.00.
- o Sellers' tables are \$8.00; does not include admission.
- o VE Exams at 10 a.m.
- o Refreshments.
- o Raffle Drawing.

For table reservations contact:

Longmont Amateur Radio Club
(LARC)
P.O. Box 86
Longmont, CO 80502-0086
Phone: 303-817-5526

Make checks payable to "LARC".

For more information, contact Jim Deeming, 303-651-7764,
jwdeeming@compuserve.com.

For more information on VE Exams, contact Earle Cate, NØISB, 303-776-9158,
SYLG95A@prodigy.com.

Other Hamfests Coming up

- PPRAA Hamfest, May 17.
Contact Carlos Caro, KBØREI,
(719) 632-1569, or
ccaro@ccs.lmco.com.

March Fox Hunt Report

NØUVR and Team First to Tree the Fox!
by WBØMHP

It was a beautiful Sunday afternoon, temperature about 65 degrees, mostly sunny, and a slight breeze when Dave, NØUVR; Roger, KBØRLF, and Melinda, KBØUVC find the hidden

transmitter first. The NØUVR team wins the honor of hiding because their mileage was also the lowest. Hiding the transmitter (the fox) was Les, KCØNC and Jody, KAØROZ. Also hunting the fox were Doug, WBØMHP, Doug's XYL Cheri and Mark NOEPF.

We started the hunt at our usual place and sure enough, we found signal coming from the gravel quarry above Queen's Canyon just north of Garden of the Gods. So off to the west we went. After about an hour and a half of running around the west and northwest part of Colorado Springs, Les started giving a few hints about where he was hiding. We then started toward the hinted hiding place and finally started seeing signal from the east. Guess what, reflections, again!

We all finally found Les and Jody hiding under the only tree in about 4 square miles just a block south of the entrance of the old Colorado Springs airport terminal. As we arrived, we knew why the signal was so elusive. Les was using his two-element quad pointing at Pikes Peak.

It was a great hunt and next month should be another great hunt. Don't miss it! We will hold our April transmitter hunt on Sunday, April 12 at 1400L. We will be starting from a new starting point, in front of Batteries Plus on Austin Bluffs Parkway about two blocks west of Academy. Batteries Plus is on the north side of Austin Bluffs. See you there!

73,
Doug

APRIL FOX HUNT

The Colorado Springs Fox Hunters will have a fox hunt on Sunday April 13 in Colorado Springs. We will meet in the parking lot in front of Batteries Plus at 3320 Austin

Bluffs Parkway (about 0.45 miles west of Academy and Austin Bluffs intersection, on the north side) at 1:45 PM. Starting mileage of the hunters will be taken, and at 2:00 PM the hunt will begin. The fox will be John NØQJS. Talk in will be on the 146.97(-) repeater and 146.58 simplex.

We hope to have a fox hunt every month on the Sunday following the PPRAA club meeting (the second Wednesday of the month).

For more information contact:
Dave NØUVR
dfk@col.hp.com

Colorado 14er Radio Event — The 1997 Colorado 14er Radio Event will be held Sunday, August 24th. During the event, a group of amateur radio operators will operate portable from the summits of various Colorado 14,000 foot mountains. The operating times will be from 9 a.m. to 12 Noon local time.

Radio amateurs are encouraged to work as many of the mountaintop stations as possible. However, this is NOT A CONTEST, no points are awarded, no scores recorded. A special event QSL card can be obtained by QSLing to the mountaintop station's home QTH (please include a Self-Addressed Stamped Envelope). Most mountaintop stations will be running low power handheld radios. To reduce QRM, PLEASE DO NOT USE HIGH POWER (more than 50 Watts) and do not call 14er stations unless you can hear them.

Radio operators with 14er hiking experience who wish to participate

should contact Bob, KB0CY at RobtWitte@aol.com (e-mail is preferred) or voicemail at 719-488-0859. Updated information on the event is posted at <http://members.aol.com/RobtWitte/colo14.html>.

To avoid having multiple stations on the same peak, radio amateurs that want to participate must coordinate with KB0CY.

Frequencies used during the event:

146.43 MHz Longs Peak
146.46 San Juan Range,
(Handies, Redcloud,)
Sangre de Cristo Range (Crestone,
Humboldt, ...)
146.49 Bierstadt, Grays and
Torreys
146.55 Coordinating
Frequency
(Net Control, Pikes Peak)
146.58 Mt. Evans
147.42 Elk Range and North
Sawatch Range
147.45 Mosquito Range
(Quandary, Lincoln, ...)
147.48 South Sawatch Range
(Huron and peaks south)
147.51 Pikes Peak (QSOs)
147.54 Reserved for
Mountaintop Stations Only
52.525 Primary 6M FM
frequency
223.5 Primary 222 MHz
frequency
446.000 Primary 70 cm
frequency
446.025 Alternate 70 cm
frequency
446.050 Alternate 70 cm
frequency
Other bands/modes: standard
calling frequencies

Ham Classes 1st Quarter 97 by Frank McNally

Once again we have had a successful Novice/Technician class in Colorado Springs. Fourteen people took the Novice and Technician classes offered during January, February and March at the International Tesla Society. The following licenses have been issued to the class participants.

Bob Lucas KB0ZPJ
Bill McMillan KB0ZPL
Dianne Cavender KC0ADY
Lynn Burcher KC0ADZ
Joanne McMillan KC0AEA
Wolfgang Schaefer KC0AEC
Neale Geis KC0AED
Sheryl Pepper KC0AEF
Aubrey Cavender KC0AEG
Bob Niehoff KC0AEH

The classes require continued support from the amateur community. A thank you is extended to Pat Conner/KB0REF, Linda Hedges/KB0RKW, Tim Nader/KB0REH, Joe Thomas/K10HI (formerly N0YCH), Scot Autry/KB0UMV, Robby Weed/KB0UHW, Joe Marciano/KQ0S, Jeff Ryan/N0WPA, Tex Houston/KB0ODP, and Skip Yuhasz/WB2UFV who all helped support the classes.

Jay Hill/KB0WFL volunteered to help with the class instruction and brought fresh ideas in theory presentation and practical demonstrations. Jay is an asset to both the amateur community and the class structure.

Roger French/KB0RLF, conducted a Southern Colorado Traffic Net from the Tesla Society and introduced the students to the

community service aspects of Amateur Radio. Students were able to ask questions from both Roger and Jeff Ryan and get answers ranging from the traffic net to the severe weather warning system. Having active hams join in the class discussions really enhances the class setting. Thanks.

Thanks is also extended to Erik Mugele, KG0XE and Bill Stanfill, K4YCD, for their VE Team support and to all the VE volunteers who unselfishly give their time to promote the spirit of amateur radio.

In addition, Jake Jacobs/N0CYR continued to provide hands-on examples of discrete components along with practical circuits that demonstrate specific electronic theory covered during the class presentation.

I also wish to thank the PPRAA for the financial donation given to the International Tesla Society and the efforts of Rob Roller/WB7WHT and Linda Hedges/KB0RKW. The Tesla Society provides us with the facilities needed to conduct our classes. Additionally, Mr. J. W. McGinnis, president of the International Tesla Society, is gracious enough to conduct a tour of the facility during the class. The tour includes demonstrations of the museum equipment items on display in the laboratory. Many of these demonstrations reinforce the principles taught as part of the class.

New RACES Contact Info

Larry Dunn is no longer the RACES contact.

RACES queries should be addressed to:

El Paso County RACES Radio
Officer, C/O
Office of Emergency Management
305 South Union
Colorado Springs, Co 90910
(719)-575-8400

Submitted by Bryan Curl
El Paso County RACES Radio
Officer
bryan@ampex.com

Editor's Corner

Hope everyone had a good month for March. April is upon us.

A reminder to all who have items For Sale: If An item shown sells, let me know so I can mark it sold and/or take it out.

I need articles on ARES, RACES, packet, ATV, Antennas, HF, Propagation, and anything else you can think of that deals with ham radio. Articles emailed get top priority! Articles may be submitted by email, disk, or packet. I won't turn down articles submitted typed on paper, but if they are low on my priority if I have to retype them into my computer and may not make it right away or even for an issue or two after they are submitted.

The deadline for all disk, typed copy, and voice submissions is the 20th of the month. I will accept soft or email submissions up to the day before I print the "FINAL" copy.

Remember, this is YOUR newsletter! Please submit your articles NOW! MS word or ASCII format gets top priority. Other formats are OK. If I can't convert it, I'll let you know and you can resubmit in another format if

possible. Type written pages in heavy print, I can scan in. So get those articles in!

I would like to thank all who submitted articles this month. If you do not see your article this month; it will have priority next month!

Have a great APRIL!

73,
Bill. kd0ju@juno.com
kd0ju@n0mpi.#neco.c0.usa.noam

For Sale/Wanted (by N0UOD)

I have the following items for sale

- A Commodore 1571 Disk Drive \$5;
- Mitsubishi EGA color 14" monitor \$50;
- Okidata dot Matrix printer \$25;
- 900 mhz cordless phone \$50;
- Answering Machine \$25.

Call Ginger, N0UOD 528-8361
leave message if no answer.

For Sale/Wanted (by W0RW)

- Mayday UPS 150/250 watts \$100
- Motorola FSTR Base Station 154 MHz \$100
- Motorola Base 146.52 \$50
- Tektronix 575 Curve Tracer \$350
- HP5245L 50-500MHz counter \$50
- HP5381A 80MHz Counter \$100
- Gonset G150 Business Communicator (aircraft band) \$100
- Stereo Speakers (2) 100W \$50
- HP-34702 Multimeter \$50
- RT159/URC4 Survival Radio \$50
- Lowery Organ (has 25 foot pedals & 2 keyboards) \$200

- Kenwood TH21A 2 meter HT w/ctcss (PL) \$150
- GR Resistor decade box \$25
- HP608E Signal Generator 10-480MHz \$200
- Singer SG-1000 Signal Generator w/freq disp. 62KHz-500MHz \$300
- Dana 350 Counter 20Hz to 12.4GHz \$100
- Teledyne Geotech Helicorder seismometer with amplifiers and det. \$500
- 12" Newtonian Telescope F6 on tripod \$800
- WANTED: Soft cover case for Icom ICw2A w/BP84; 11-el 2-meter Yagi; HeNe laser.
P.O. Box 6069, COS/CO 80934 or
w0rw@kktv.com

For Sale/Wanted (by KD0JU)

- QUAD SPIDER HUB by Van Gorden Engineering, one set comes with hardware in original packing; two other sets have no hardware. May be used for construction of Cubical Quads, Delta loops, Turnstile Antennas and more. Will sell for \$25 or Trade for a BayCom TNC
- ICOM Tone Squelch Unit UT-40; Can be installed in IC-2G/4G/12G or IC-32A/E Will sell for \$19.
Bill, KD0JU, 556-4466

For Sale/Wanted (by K0CI)

- Radio Shack 20--13 Discone Scanner Antenna; 25 - 300mhz receive, Transmit on 144, 220, 440, 900, & 1296 Mhz Asking \$20
- 100 ft RG8 coax, asking \$7.
- Johnson Messenger 123A, 23 Channel CB radio (Could be converted to 10 Mtrs) Asking \$20
- Kantronics KAM all-mode NC Version 5.0, Asking \$150

Pikes Peak Radio Amateur Association Inventory List

NUM	BRAND	MODEL	SERIAL	DESCRIPTION	LOC	MISC
0001	Icom	228A	02467	2 meter xcvr	KØTER	NOT WORKING
0002	Hygain	TH3-JR	NSN	Tri-band beam	KØTER	
0003		AB-952	0211 90073A	AB-952/GRC-103(V)	KØTER	MIL TOWER
0004	Belden	RG-8	NSN	coax	KØTER	
0005	Schumacher	SE-82-6	NSN	battery charger	NØWPA	
0006	No Brand	No Model	NSN	charcoal grill	NØWPA	
0007	No Brand	No Model	NSN	trash can	NØWPA	
0008	R.R. II	????	NSN	????	NØWPA	
0009	Apollo	Horizon	96012197	Overhead Projector	WB7WHT	
0010	West Bend	33600	NSN	100 cup coffee maker	NØWPA	
0011	astron	RS-12A	9006847	power supply	NØWPA	
0012	Icom	IC-28A	07721	2 meter xcvr	NØWPA	
0013	No Brand	No Model	4EZ1A-4	speaker	NØWPA	
0014	No Brand	No Model	NSN	3 X 4 white board	NØWPA	
0015	Drake	TR33C	0571	2 meter xcvr	NØWPA	
0016	Kantronics	KPC-1	49925	packet TNC	NØWPA	
0017	Icom	IC-230	4904	2 meter xcvr	NØWPA	
0018	Honda	No Model	EN1600	Generator	NØSFP	
0019	No Brand	FW-1500	86560-86	Generator	NØSFP	
0020	No Brand	No Model	NSN	Volt/Ammeter	NØSFP	trailer
0021	No Brand	No Model	NSN	18 X 25 white board	NØSFP	trailer
0022	No Brand	No Model	NSN	adjustable ball mount	NØSFP	trailer
0023	No Brand	No Model	NSN	outdoor spkr w/tripod	NØSFP	trailer
0024	No Brand	No Model	NSN	outdoor spkr w/tripod	NØSFP	trailer
0025	No Brand	No Model	NSN	folding chair	NØSFP	trailer
0026	No Brand	No Model	NSN	folding chair	NØSFP	trailer
0027	Realistic	MPA-30	91144716	P.A. amplifier	NØSFP	trailer
0028	No Brand	No Model	NSN	dipole/balun/RG-58	NØSFP	trailer
0029	No Brand	No Model	NSN	folding chair	NØSFP	trailer
0030	No Brand	No Model	NSN	folding chair	NØSFP	trailer
0031	No Brand	No Model	NSN	dipole/balun/RG-8	NØSFP	trailer
0032	No Brand	No Model	NSN	100 ft. RG-8	NØSFP	trailer
0033	No Brand	No Model	NSN	50 ft. RG-8	NØSFP	trailer
0034	No Brand	No Model	NSN	40/20 dipole/balun	NØSFP	trailer
0035	No Brand	No Model	NSN	broken dipole/balun	NØSFP	trailer
0036	No Brand	No Model	NSN	40 foot power cord	NØSFP	trailer
0037	No Brand	No Model	NSN	25 foot power cord	NØSFP	trailer
0038	No Brand	No Model	NSN	25 foot power cord	NØSFP	trailer
0039	No Brand	No Model	NSN	tri-band beam	TeSia Society	
0040	Rohn	25G	NSN	tower	NØSFP	
0041	Rohn	25G	NSN	tower	NØSFP	
0042	Rohn	25G	NSN	tower	NØSFP	
0043	Rohn	25G	NSN	tower	NØSFP	
0044	Sola	CV-1	R983	Constant Volt Xfmr	KØTER	

ARLB014 Ham radio Volunteer
Services bill introduced

ZCZC AG14
QST de WIAW
ARRL Bulletin 14 ARLB014
From ARRL Headquarters
Newington CT March 14, 1997
To all radio amateurs

SB QST ARL ARLB014
ARLB014 Ham radio Volunteer
Services bill introduced

Good news for ham radio volunteers:
the Amateur Radio Volunteer
Services Act of 1997 (HR 1013)--
introduced this week by US Rep Anna
Eshoo of California. If enacted, the
bill would place volunteers in
the Volunteer Examination Program
and the Amateur Auxiliary under
the protections of the Federal Tort
Claims Act by affording them the
same legal protections as employees
of the Federal Government while
they're carrying out such volunteer
duties. "This bill would help
protect the personal liability of
volunteer Amateur Radio operators
while performing duties on behalf of
the Federal Government," Eshoo

said in introducing the measure. As
she explained it on the House
floor, it's simply a question of fairness
for volunteers, who risk
damaging lawsuits while saving the
government time and money. The
bill was introduced with 21
cosponsors hailing from both parties.

HR 1013 is nearly identical to a bill
introduced last year but not
enacted and similar to a unanimously
accepted amendment to the FCC
reauthorization bill that Eshoo herself
offered last year in the
Commerce Committee.

On the House floor, Eshoo outlined
the rationale behind the Amateur
Radio Volunteer Services Act of 1997
in these words, and urged her
colleagues to support the bill:

"Amateur Radio operators are self-
regulated, with volunteer
operators monitoring the airwaves for
violations and administering
licensing exams. This volunteer corps
saves countless hours of
staff time and resources for the
Federal Communications
Commission;

however, because they are not Federal
employees, they put their
personal assets at risk in the event of
actions taken against them
as a result of their volunteer service to
the Government."

"It is simply unfair that these
volunteers who are saving the
Government time and resources
should have to risk their personal
assets in carrying out their service.
The Amateur Radio Volunteer
Services Act would classify those
individuals donating their time
and expertise to maintaining the
quality of the Amateur Radio
airwaves as Federal employees only
for the purpose of actions taken
against them in the performance of
their duties as self-regulators.
This action will ensure the continued
viability of the amateur radio
community and continue to save the
FCC and the Federal Government
time and money that would otherwise
need to be expended."

NNNN
/

NEED SOME SHORT
ARTICLES!

Bill, KØØ JU
Editor

Miley's Radio

Jess, KØTAA

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Please Note: You must submit a completed application form along with your check to the Treasurer
for both new members as well as renewals. Thank you. PLEASE TYPE OR PRINT CLEARLY!